

```

1 #include <stdio.h>
2 #include<math.h>
3 void main()
4 {
5     int a,b,choice;
6     printf("enter two nums:");
7     scanf("%d%d",&a,&b);
8     do
9     {
10        printf("\nmenu\n 1 for addition\n 2 for subtraction\n 3 for multiplication\n 4 for division\n ");
11        printf("\n 5 to find min\n 6 to find max\n 7 for evencheck\n 8 to get remainder\n 9 for squares \n 10 for a power b\n 11 to exit\n");
12        scanf("%d",&choice);
13
14        switch(choice)
15        {
16
17            case 1 : printf("%d+%d=%d",a,b,a+b); break;
18
19            case 2 : printf("%d-%d=%d",a,b,a-b); break;
20
21            case 3 : printf("%d*%d=%d",a,b,a*b); break;
22
23            case 4 : printf("%d/%d=%d",a,b,a/b); break;
24
25            case 5 : if(a<b){
26                      printf("%d",a);
27                  }
28                  else if(b<a){
29                      printf("%d",b);
30                  }
31                  else
32                      printf("Both are same");
33            break;

```

```

34 case 6 : if(a>b){
35     printf("%d",a);
36 }
37 else if(b>a){
38     printf("%d",b);
39 }
40 else
41     printf("Both are same");
42 break;
43 case 7 : if(a%2==0)
44     printf("%d is even",a);
45     else
46     printf("%d is odd",a);
47     if(b%2==0)
48     printf("%d is even",b);
49     else
50     printf("%d is odd",b);
51 break;
52 case 8 : printf("%d",a%b); break;
53
54 case 9 : printf("%d \t %d",a*a,b*b); break;
55
56 case 10: ; int p = pow(a, b);
57     printf("%d",p);
58 break;
59 case 11 : printf("exit"); break;
60
61 default : printf("enter integer in range 1 to 11\n");
62
63 }
64
65 }while(choice != 11);
66
67 }
68

```

enter two nums:4 8

menu

- 1 for addition
- 2 for subtraction
- 3 for multiplication
- 4 for division
- 5 to find min
- 6 to find max
- 7 for evencheck
- 8 to get remainder
- 9 for squares
- 10 for a power b
- 11 to exit

3

4*8=32

menu

- 1 for addition
- 2 for subtraction
- 3 for multiplication
- 4 for division
- 5 to find min
- 6 to find max
- 7 for evencheck
- 8 to get remainder
- 9 for squares
- 10 for a power b
- 11 to exit

7

4 is even8 is even

menu

- 1 for addition
- 2 for subtraction
- 3 for multiplication
- 4 for division
- 5 to find min
- 6 to find max
- 7 for evencheck
- 8 to get remainder
- 9 for squares
- 10 for a power b
- 11 to exit

```
11 to exit  
11  
exit  
Process returned 11 (0xB)   execution time : 21.537 s  
Press any key to continue.
```

```

1  #include<stdio.h>
2
3  float sumaver (float n1, float n2);
4
5  void printeven (float n1, float n2);
6
7
8  int main(){
9      float a, b, c, num1, num2, average;
10     printf("Input three numbers\n");
11     scanf("%f%f%f", &a, &b, &c);
12     if (a < b && a < c){
13         num1 = b;
14         num2 = c;
15     }
16     if (b < a && b < c){
17         num1 = a;
18         num2 = c;
19     }
20     if (c < a && c < b){
21         num1 = a;
22         num2 = b;
23     }
24     average = sumaver(num1, num2);
25     printf("\n average = %.2f\n", average);
26
27     printeven(num1, num2);
28
29     return 0;
30 }
31
32 float sumaver(float n1, float n2){
33     printf("sum = %.2f", n1 + n2);
34     return ((n1 + n2)/2);
35 }

```

```

1  #include<stdio.h>
2
3  float sumaver (float n1, float n2);
4
5  void printeven (float n1, float n2);
6
7
8  int main(){
9      float a, b, c, num1, num2, average;
10     printf("Input three numbers\n");
11     scanf("%f%f%f", &a, &b, &c);
12     if (a < b && a < c){
13         num1 = b;
14         num2 = c;
15     }
16     if (b < a && b < c){
17         num1 = a;
18         num2 = c;
19     }
20     if (c < a && c < b){
21         num1 = a;
22         num2 = b;
23     }
24     average = sumaver(num1, num2);
25     printf("\n average = %.2f\n", average);
26
27     printeven(num1, num2);
28
29     return 0;
30 }
31
32 float sumaver(float n1, float n2){
33     printf("sum = %.2f", n1 + n2);
34     return ((n1 + n2)/2);
35 }

```

```

32 ▼ float sumaver(float n1, float n2){
33     printf("sum = %.2f", n1 + n2);
34     return ((n1 + n2)/2);
35 }
36
37 ▼ void printeven (float n1, float n2){
38     float a1, a2;
39 ▼     if (n1 < n2){
40         a1 = n1;
41         a2 = n2;
42     }
43 ▼     else {
44         a1 = n2;
45         a2 = n1;
46     }
47     printf("even numbers between them are:\n");
48 ▼     for (float i = a1 + 1; i < a2; i++){
49         if ((int)i % 2 == 0){
50             printf("%d\n", (int)i);
51         }
52     }
53 }

```

```
Input three numbers
20 5 1
sum = 25.00
average = 12.50
even numbers between them are:
6
8
10
12
14
16
18
```

```
Process returned 0 (0x0)   execution time : 15.696 s
Press any key to continue.
```